





in the case where the second data amount is not equal to a predetermined amount, the central processing unit continues to execute data transfer even when the data transfer controller is requesting the permission to use the system bus during the data transfer by the central processing unit.

6. A digital camera apparatus including the semiconductor device of claim 5.

7. A semiconductor device including the data processing system of claim 2.

8. A digital camera apparatus including the semiconductor device of claim 7.

9. A semiconductor device including the data processing system of claim 3.

10. A digital camera apparatus including the semiconductor device of claim 9.

11. A semiconductor device including the data processing system of claim 4.

12. A digital camera apparatus including the semiconductor device of claim 11.

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